

Amendments to the Specification:

Please amend the following paragraph, at page 20, line 12:

As explained above, vaccine compositions of the present invention may include adjuvants to further increase the immunogenicity of one or more of the EHEC antigens. Such adjuvants include any compound or compounds that act to increase an immune response to an EHEC antigen or combination of antigens, thus reducing the quantity of antigen necessary in the vaccine, and/or the frequency of injection necessary in order to generate an adequate immune response. Adjuvants may include for example, emulsifiers, muramyl dipeptides, avridine, aqueous adjuvants such as aluminum hydroxide, chitosan-based adjuvants, and any of the various saponins, oils, and other substances known in the art, such as Amphigen AMPHIGEN™ (AMPHIGEN™ comprises de-oiled lecithin dissolved in an oil, usually light liquid paraffin. In vaccine preparations AMPHIGEN™ is dispersed in an aqueous solution or suspension of the immunizing antigen as an oil-in-water emulsion), LPS, bacterial cell wall extracts, bacterial DNA, synthetic oligonucleotides and combinations thereof (Schijns et al., Curr. Opi. Immunol. (2000) 12:456), Mycobacterial phlei (M. phlei) cell wall extract (MCWE) (U.S. Patent No. 4,744,984), M. phlei DNA (M-DNA), M-DNA-M phlei cell wall complex (MCC). For example, compounds which may serve as emulsifiers herein include natural and synthetic emulsifying agents, as well as anionic, cationic and nonionic compounds. Among the synthetic compounds, anionic emulsifying agents include, for example, the potassium, sodium and ammonium salts of lauric and oleic acid, the calcium, magnesium and aluminum salts of fatty acids (i.e., metallic soaps), and organic sulfonates such as sodium lauryl sulfate. Synthetic cationic agents include, for example, cetyltrimethylammonium bromide, while synthetic nonionic agents are exemplified by glyceryl esters (e.g., glyceryl monostearate), polyoxyethylene glycol esters and ethers, and the sorbitan fatty acid esters (e.g., sorbitan monopalmitate) and their polyoxyethylene derivatives (e.g., polyoxyethylene sorbitan monopalmitate). Natural emulsifying agents include acacia, gelatin, lecithin and cholesterol.